Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2020-01-06-20** **Date: 07-09-19**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains in ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.P.Ravichandra, No:562, Down Bazar Street, Yelahanka , Bangalore-560064
Customer's Reference	:	EE(YNK.D)E-PMT-19/W.O/0076/2018-19
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	04-09-19
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	04-09-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	589	589	3.9	96.1	90-100
3	20 mm	4898	5487	36.6	63.4	30-70
4	10 mm	7143	12630	84.2	15.8	10-35
5	4.75 mm	2118	14748	98.3	1.7	0-5
6	Pan	252	15000	100.0	0	---

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/10/2019

Lab ID	:	CP-2020-01-06-20
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drains in ward No-01 of Yelahanka Sub Division.
Agency	:	Sri.P.Ravichandra, No:562, Down Bazar Street, Yelahanka , Bangalore-560064
Customer's Reference	:	EE(YNK.D)E-PMT-19/W.O/0076/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-09-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/10/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	11/09/2019	09/10/2019	149.10 X 150.64 X 150.77	22460	8.207	517.0	23.0	22.9
2	Drain Bottom Slab Concrete	M20	11/09/2019	09/10/2019	149.89 X 149.31 X 149.54	22380	8.073	499.2	22.3	
3	Drain Bottom Slab Concrete	M20	11/09/2019	09/10/2019	151.38 X 150.18 X 149.87	22735	8.767	530.5	23.3	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

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****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-01-06-20** **Date: 18/09/2019**

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Improvements to Roads and Drains in ward No-01 of Yelahanka Sub Division.

Agency : Sri.P.Ravichandra, No:562, Down Bazar Street, Yelahanka , Bangalore-560064

Customer's Reference : EE(YNK.D)E-PMT-19/W.O/0076/2018-19

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 13-09-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/09/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	11/09/2019	18/09/2019	151.01 X 151.33 X 149.50	22853	8.811	424.2	18.6	18.2
2	Drain Bottom Slab Concrete	M20	11/09/2019	18/09/2019	150.01 X 149.43 X 151.16	22415	8.654	404.8	18.1	
3	Drain Bottom Slab Concrete	M20	11/09/2019	18/09/2019	151.98 X 151.71 X 149.64	23057	8.074	416.3	18.1	

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

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